# DWR Prosecuting Team Exhibit 7

IRD

# DIVISION OF WATER RIGHTS REPORT OF INSPECTION

## FILING DATA

APPLICATION NO.: 26307	FILING DATE: 4-21-80
NAME : Emmerson Investment, Inc. ADDRESS : c/o Jack G. Frost, P.O. Box 496014, Reddi SOURCE : Shasta River tributary to Klamath River PT.OF DIV. : NW1/4 of NE1/4 of Section 21, T43N, R5W, I AMOUNT : 14 cfs; 800 AFA total PURPOSE : Irrigation and Stockwatering PLACE OF USE: 375 acres within Sections 16, 17, 20, and 3 SEASON : February 1 to November 1	MDB&M COUNTY: SISKIYOU
PERMIT NO. : 19165 DATE ISSUED: 3-23	3-84 EXPIRES: 12-31-95
Date of Inspection: <u>June 13, 2000</u> Inspected By (s Accompanied By: <u>Pete Scala (ranch foreman)</u>	ignature/submit date): Noyne C. That 8-21-00 Telephone: (530) 938-3874 (residence) (540) 598-4782 (cell phone)
<u>Keith Dick (DWR watermaster)</u> Person(s) Interviewed: <u>Jack Frost (agent)</u>	(50) 598-4782 (cell phone) (530) 459-3876 Telephone: (530) 378-8119
RECOMMEN	DATION
License Extension X to 2005 No Changes Corrections No Change Owner Address Amount Season Pu	o Action Revoke Other es or Corrections _X prose Point of Diversion Place of Use
Remarks: (explain basis for recommendation) This permit, along with companions A26305 and A26306, accordance with the Shasta River Adjudication. Such surflows resulting from leakage from the dam for Lake Shast permits also has rights for their primary irrigation war Dwinnell Reservoir (now Lake Shastina), a water right seep the released each season upon demand and under watermast. These diversions and POUs were developed years ago are complete for some time. However two issues remain: concequirement and keeping of diversion records for licens these projects were deemed in compliance with the lawatermaster's control of the diversions and his need to make users. However, the permit clearly calls for a measuring tell at a glance if the bypass was being met. In additingation season when diversions have been made under the DWR watermaster, Keith Dick, has indicated that he wi with this requirement.  A Parshall flume with recorder is in place at the head of by the watermaster, no diversion records are kept, even be under watermaster supervision, even though Mr. Dick discussed in detail his need to maintain written records and maximum annual use of water. This will require a (surplus water) and water diverted under the adjudicate My recommendation for this permit is to request a plan for my approval. After approval, we would accept a petit be kept to support licensing.	ina. Each of the three separate PODs/POUs under these ter under the Decree. At the time of construction of ttlement allotted each POU a fixed amount of water, to er supervision, from storage in the reservoir. In therefore construction and use of water have been ompliance with the measuring device for fish bypass ing purposes.  In the construction and use of water have been ompliance with the measuring device for fish bypass in a 1986 inspection based on the aintain flows greatly in excess of 1 cfs for downstream device, presumably so that any interested party could be the construction, there have apparently been times early in the chis permit and watermaster service had not yet begund limits permit and watermaster service had not yet begund limits permit and while it is used though a term in this permit requires the diversion to detension was granted (to a prior owner) for the purpose was present at both of our last two inspections. We for submittal to us to establish both a maximum month breakdown between water diverted under this permit diright (water banked in Lake Shastina).  and schedule for installation of the measuring device
SOURCE	
Tributary to: <u>Klamath River</u> Flow at time of inspection: <u>25-30 cfs</u> How and where by Mr. Dick, including 10 cfs being added to river via a supply natural?: <u>partially</u> ; at times includes release	es from storage in Lake Shastina as mentioned above
20 <u>00</u> <u>3rd</u> Insp	ection & LTO

#### EXTENT OF USE OF WATER

Season of use and/or diversion to storage: will have to be determined from diversion records to be kept by Mr Dick or his successor. Apparently irrigation under this permit does not occur until late March at the earliest and continues until all surplus water is gone and all water being diverted by permittee is being released for him from Lake Shastina. Early irrigations may consist entirely of surplus water in good water years when Lake Shastina has filled, as leakage occurs at a much greater rate when the lake level is high. Mr. Dick is aware from our discussion that he will need to keep and provide diversion records, based on the Parshall flume measurements, to substantiate both the amount and season for this appropriation. According to Mr. Scala, it takes them 3 to 4 weeks to complete one irrigation of the area flood irrigated by this ditch. Mr Dick estimates that in a good year the permittee may get 2 early irrigations using surplus water before he has to release stored (adjudicated) water for them stored (adjudicated) water for them.

Rate of use by direct diversion during maximum period: to be determined by future records (see above)

Beginning and ending dates of maximum period: to be determined by future records (see above) Maximum annual diversion: to be determined by future records (see above) Year of maximum use: Complete the following if storage is involved: NO STORAGE \_\_\_\_\_Year: <u>19</u> Year: Maximum amount diverted to storage in one season:

Maximum withdrawal in one season (if applicable):

#### PERMIT TERMS

Address compliance with each Permit term (by term number): terms 14 and 15: the watermaster has long been aware Address compliance with each Permit term (by term number): terms 14 and 15: the watermaster has long been aware of these permits and has been providing service to the permittees, but only to the extent necessary to ensure their diversions do not injure other users, not to the extent of keeping diversion records; terms 16 and 17: Mr. Dick maintains that the 1 cfs fish bypass is NEVER an issue for several reasons: he must manage these diversions while still satisfying the needs of downstream diverters; if insufficient water is available the flow is augmented by releases from Lake Shastina. He understands, however that term 17 requires a device for actual measurement to enable him, us or others to tell at a glance whether the bypass is being met. He is to work with the permittee to come up with such device for each of their diversion dams. For this diversion (No. 166), this might mean adding a notch in top flashboard sized for a 1 cfs bypass. I told Mr. Scala that I would be writing to request that they provide plans for the measuring devices for both diversions along with an installation to request that they provide plans for the measuring devices for both diversions along with an installation schedule (before the next irrigation season; probably in the fall after the current irrigation season), for my approval. I explained that we likely would not process their extension requests until such a plan and schedule are approved.

# OTHER RIGHTS (show pertinent information)

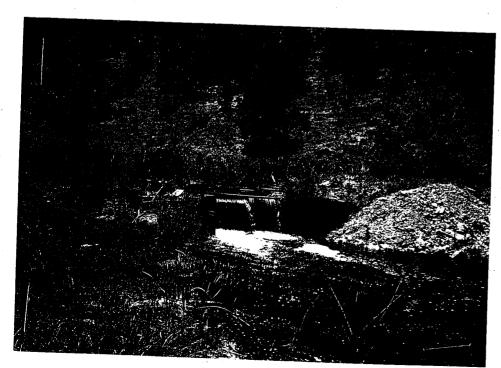
Companion Permit 19163 (A26305) and Permit 19164 (A26306) were also inspected. Revocation is recommended for P19163, and an extension of time for diversion record-keeping is recommended for P19164. According to Mr. Dick. the Seldom Seen Ranch gets 924 ac-ft and the Hole-in-the-Ground Ranch 596 ac-ft under the Shasta River Adjudication (not verified - this is the water "banked" in Lake Shastina which the ranches can request each season on demand)

L11609 (A23767) covers two reservoirs on an adjacent ranch also owned by Emmerson.

L4151 (A8809) covers a spring on the bank of the Shasta River between the A26306 and A26307 PODs. This water is apparently rediverted at the A26307 POD, but I was not aware of L4151 at the time of this inspection, and therefore did not discuss it with Mr. Dick. This matter should be looked into to ensure that there is no duplication in Mr. Dick's diversion measurements, i.e. credit given towards P19165 for water already covered by L4151



1 LORING ACROSS DAM (PITCH TO 10 FE PUMPS FLOWS BEHIND KEITH DICK AND PETE SCALA)



POINT OF DIVERSION (No. 166 of Decree)
FLASHBOARD DAM

~ 12' WIDE X 6' HISH

-- LOOKING UPSTREAM

PERMIT 19165 A 26307 6-13-00

# STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

#### DIVISION OF WATER RIGHTS

## REPORT OF INSPECTION

# FILING DATA

APPLICATION NO.: 26306	FILING DATE: 4-21-00
AMOUNT: 5 cfs; 400 AFA total PURPOSE: Irrigation and Stockwatering PLACE OF USE: 112 acres within Sections 16, 21, and 22, T43N, R5W, N SEASON: February 1 to November 1	COUNTY: Siskiyou MDB&M (see E-map for 1/4-1/4 breakdown)
PERMIT NO. : 19164 DATE ISSUED: 3-23-84	EXPIRES: 12-31-95
PERMIT NO. : 19164 DATE ISSUED: 3-23-84  Date of Inspection: June 13, 2000 Inspected By (signature/subm Accompanied By: Pete Scala (ranch foreman) To	elephone: (580) 938-3874 (residence) (530) 598-4782 (cell phone)
Keith Dick (DWR watermaster)  Person(s) Interviewed: Jack Frost (agent)  T	(530) 459-3876 elephone: (530) 378-8119
RECOMMENDATION	
License Extension X to 2005 No Action conditional Changes Corrections No Changes or Correct Owner Address Amount Season Purpose P	Revoke Other ions X Point of Diversion Place of Use
Remarks: (explain basis for recommendation) This permit, along with companions A26305 and A26307, was filed faccordance with the Shasta River Adjudication. Such surplus water g flows resulting from leakage from the dam for Lake Shastina. Each of permits also has rights for their primary irrigation water under the Dwinnell Reservoir (now Lake Shastina), a water right settlement allobe released each season upon demand and under watermaster supervision. These diversions and POUs were developed years ago and therefore complete for some time. However two issues remain: compliance with requirement and keeping of diversion records for licensing purposes. These projects were deemed in compliance with the 1 cfs fish by watermaster's control of the diversions and his need to maintain flows users. However, the permit clearly calls for a measuring device, presently at a glance if the bypass was being met. In addition, there irrigation season when diversions have been made under this permit at The DWR watermaster, Keith Dick, has indicated that he will work with the with this requirement.  A Parshall flume with recorder is in place at the head of the ditch use by the watermaster, no diversion records are kept, even though a term be under watermaster supervision, even though Mr. Dick was present discussed in detail his need to maintain written records for submitta and maximum annual use of water. This will require a breakdown be (surplus water) and water diverted under the adjudicated right (water My recommendation for this permit is to request a plan and schedule for my approval. After approval, we would accept a petition for an expect to support licensing.	the three separate PODs/POUs under these Decree. At the time of construction of otted each POU a fixed amount of water, to on, from storage in the reservoir.  construction and use of water have been the measuring device for fish bypass.  pass in a 1986 inspection based on the greatly in excess of 1 cfs for downstream sumably so that any interested party could have apparently been times early in the nd watermaster service had not yet begun. The permittee to devise a scheme to comply sed under this permit and while it is used in this permit requires the diversion to granted (to a prior owner) for the purpose at both of our last two inspections. We all to us to establish both a maximum month between water diverted under this permit er banked in Lake Shastina).  for installation of the measuring device
SOURCE	
Tributary to: Klamath River	onitored by DWR watermaster
Flow at time of inspection: 25 cfs — How and where determined? es Mr. Dick, including 10 cfs being added to river via cross canal from Is supply natural?: partially; at times includes releases from store	age in take shasting as mentioned above
20 <u>00</u> <u>3rd</u> Inspection	8,22-0

<u>DIVERSION SYSTEM</u>	
(1) California Coordinates, Zone, N, E Is point of diversion as specified yes	ied?
Is change petition/correction required? (explain) no Would change cause any injury? no change Owner of land at point of diversion: permittee Assessor's Parcel No.: 20-04-43 Type of access: Is diversion system complete? yes If not, what remains to be done?	
Capacity of the limiting section: <u>8 cfs</u> How determined? <u>visible waterline at H=1.0' on staff gage for 24" Parshall flume in ditch just below POD; backed up by statement of Mr. Dick. Diversion at inspection: H=0.81'=5.77 cfs from tables. Mr. Dick said this amount includes about half surplus (permit) water and half adjudicated water.</u>	also that
PLACE OF USE	
Name of place of use, if commonly known as such: <u>Hole-in-the-Ground Ranch</u> Describe any changes/corrections from the place of use as described in the permit or order: <u>no changes; shown on E-map was both field checked and checked against aerial photos (in field file; from TerraServer page). E-map appears surprisingly accurate.</u>	POU web
Is change petition/correction required? (explain)no	
Is place of use developed to a point where full use of water may be made? (explain) yes	
Does it appear that development has been pursued with due diligence? (explain)_yes	
Owner of land at place of use: <u>permittee</u> Assessor's Parcel No.: <u>portions of 20-04-43, 20-03-04 and 20-03-08</u> Acreage: <u>see assessor plats in field file</u>	
MAJOR USES OF WATER	
Briefly describe diversion works and method of applying water to major use: Scrap two-bys of various widths used to partially block the entrances to two culverts (one 42"? and one 36"?) through an earth/rock divers dam (approx 6' high x 40' long) across the Shasta River. The water level is thereby raised so that a port will flow by gravity into an earth ditch. Flow into the ditch is controlled by the boards placed in front the culverts and by a screw gate on another culvert about 50' down the ditch. Not far below the screw gate in the ditch is measured by a 24" Parshall flume (with recorder) operated by the DWR watermaster, Mr. Die ensure that water is not "stolen" by monkeying with the water levels. The ditch is used to flood irrigated to turn water out of the ditch, but there are some permanent sliding gate turnouts in place. Once method appear wasteful, judging from local standards? (explain) No, this is the typical method for the later across two or other water are some permanents.	sion tion t of flow ick. t to te a used
ist acreage/crop type or other units served during maximum season (show on attached sketch/map): <u>112 to acres, all meadow grass, is irrigated, of which the northerly 75 acres (approx) is hayed, then pastured.</u> Supper (southerly) 37 or so acres is pastured only. About 75 head of cattle are grazed on this portion of canch, possibly along with ranch horses.	
OTHER USES	
verage number of persons served during maximum period: <u>none</u> Number of housing units: <u>none</u> lumbing facilities available: <u>n/a</u> rea of garden, lawn, orchard, dust control, etc. (show measurements on attached sketch): <u>none known</u>	
umber and type of domestic livestock served: <u>none known</u> ther miscellaneous uses: (list and explain) <u>none</u>	

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Maximum annual diversion: to be determined by future records (see above)

Year of maximum annual diversion: Year of maximum use: Complete the following if storage is involved: NO STORAGE Maximum amount diverted to storage in one season: \_\_Year: <u>19</u> Year: Maximum withdrawal in one season (if applicable):

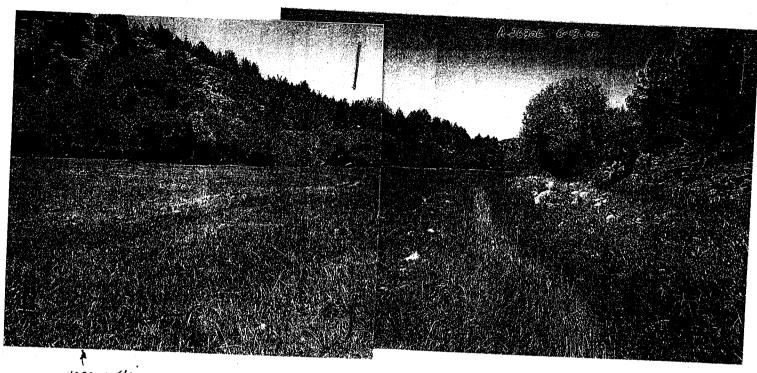
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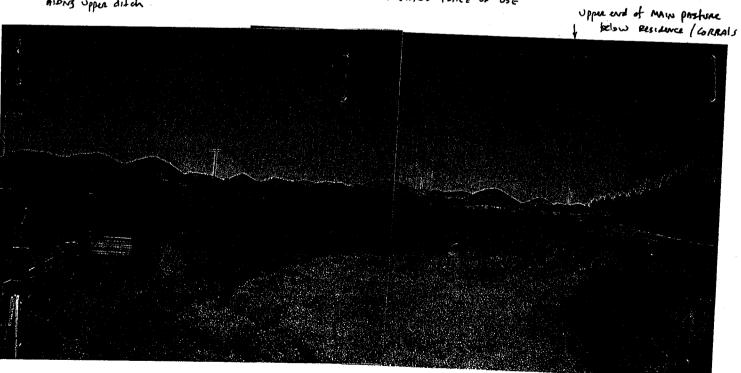
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by L4151



MARROW Strip Along upper ditch

PORTIONS OF FLOOD IRRIGATED PLACE OF USE



Ream H 19164 A-26306 6-13.00 WCS



Screw gak on CMP
IN ditch - 50' below POD
Recorden Box (below)
CAN be seen to left REAR



24" Panshall fluxe in ditch ~75' downstream of POD MR. Dick is checking Recorder (in box)

> PCANIT 19164 A-26306 6-13-00 WES

